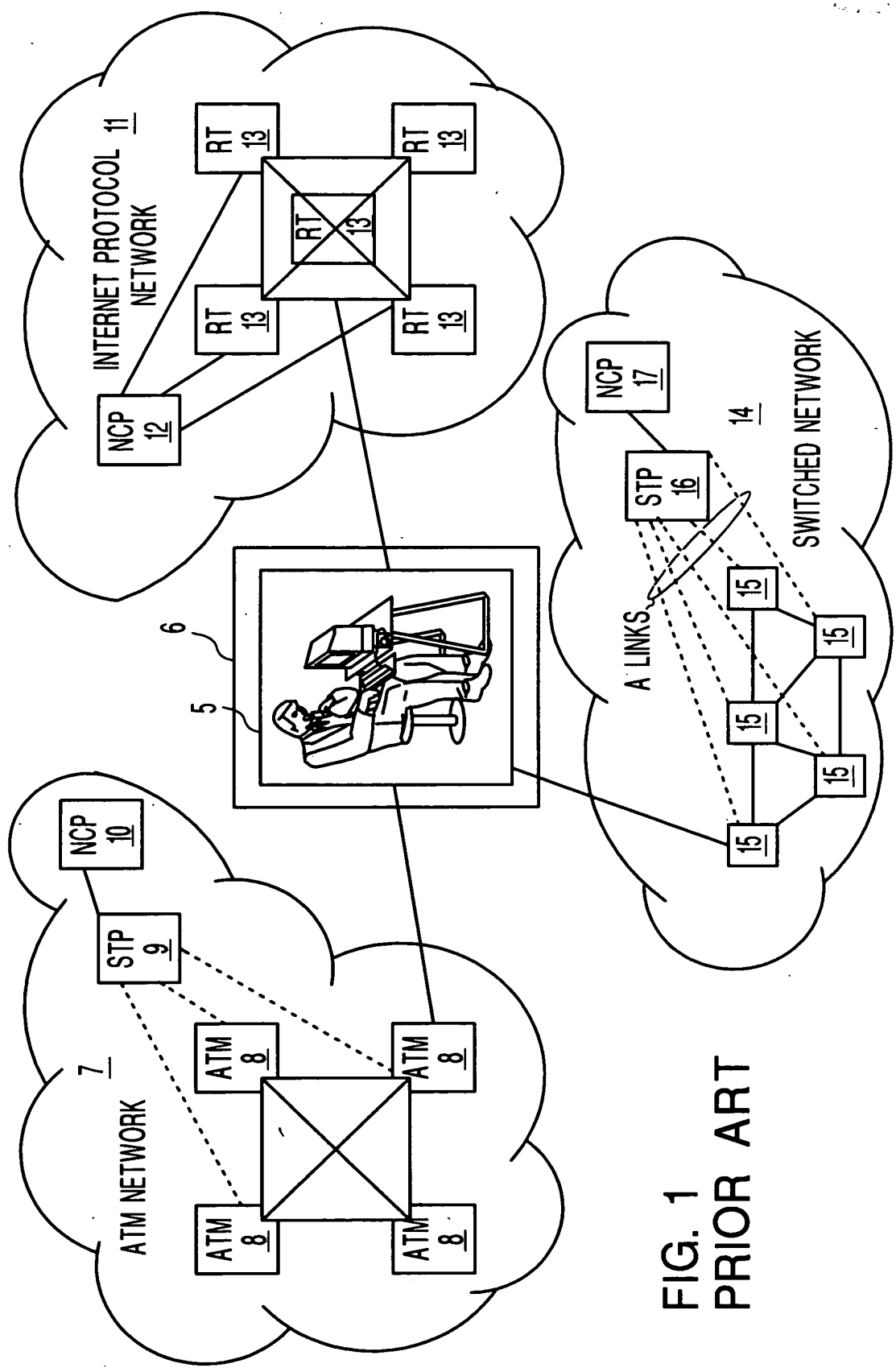

FIG. 1
PRIOR ART

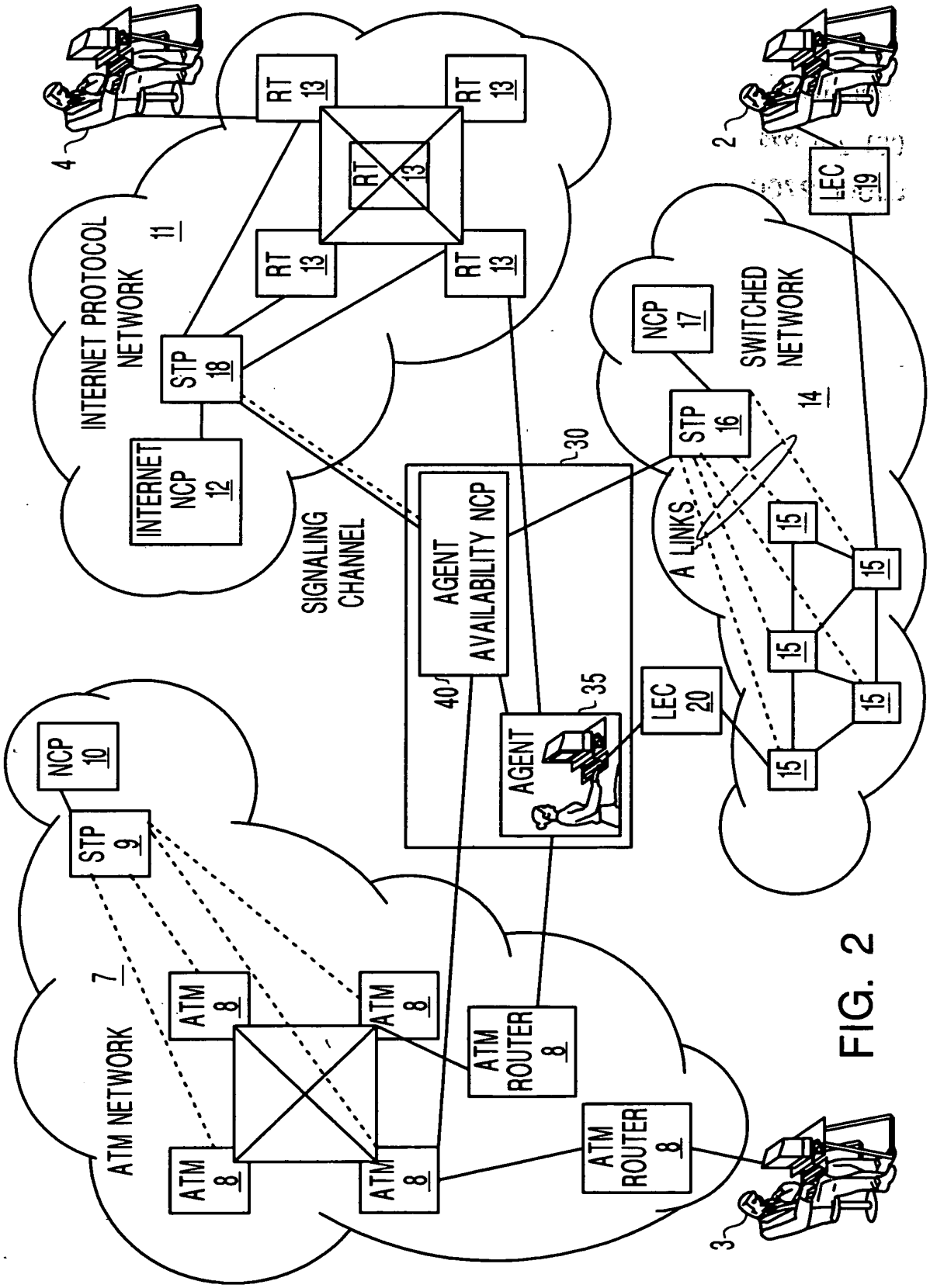
INTERNET PROTOCOL NETWORK
11
RT 13
RT 13
RT 13
RT 13
RT 13
STP 18
INTERNET NCP 12
SIGNALING CHANNEL
AGENT AVAILABILITY NCP
30
40
AGENT
35
LEC 20
SWITCHED NETWORK
14
NCP 17
STP 16
A LINKS
15
15
15
15
15
LEC 19
NCP 10
STP 9
ATM NETWORK
7
ATM 8
ATM 8
ATM 8
ATM 8
ATM ROUTER 8
ATM ROUTER 8
4
2
3

FIG. 2

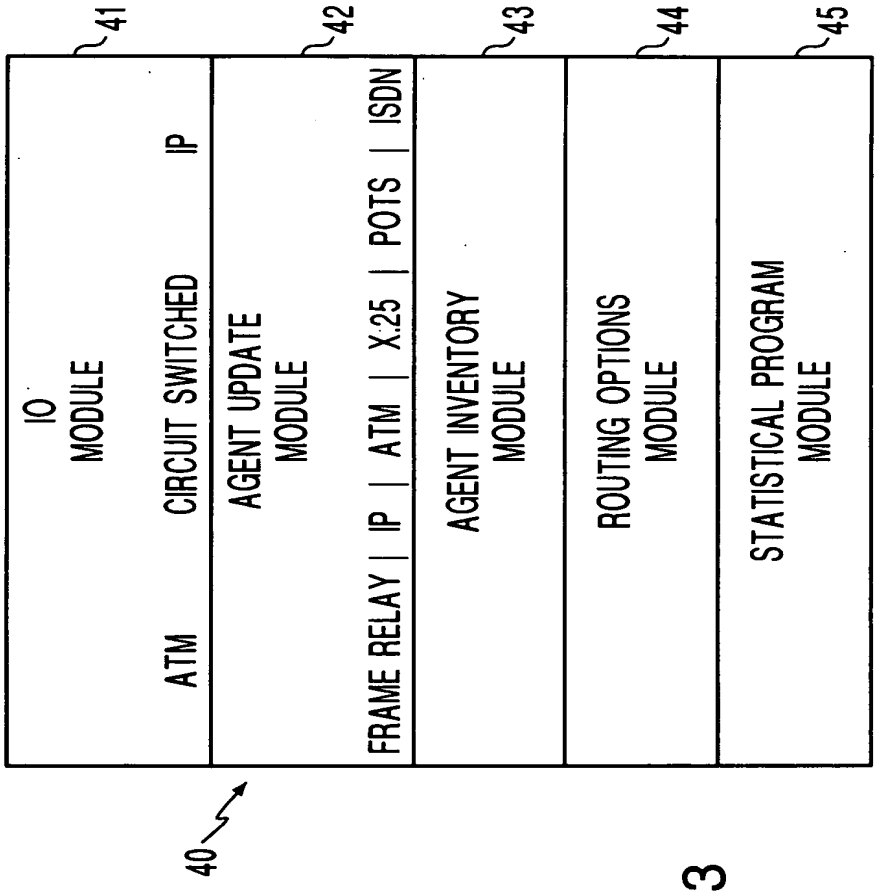
41
42
43
44
45
IO MODULE
ATM
CIRCUIT SWITCHED
IP
AGENT UPDATE MODULE
FRAME RELAY | IP | ATM | X.25 | POTS | ISDN
AGENT INVENTORY MODULE
ROUTING OPTIONS MODULE
STATISTICAL PROGRAM MODULE
40

FIG. 3